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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: **Samuel I. Stupp et al.**

Title: **Charged Peptide-Amphiphile Solutions  
and Self-Assembled Peptide Nanofiber  
Networks Formed Therefrom**

Appl. No.: **10/645,304**

Filing Date: **August 21, 2003**

Examiner: **Cordero Garcia**

Art Unit: **1654**

Atty Docket No: **NANO104.00US2**

Honorable Commissioner for Patents  
P.O Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO  
OFFICE ACTION MAILED JUNE 27 2006**

Dear Sir:

In response to the Office Action dated June 27, 2006, please enter the following  
amendments and remarks:

**Amendments to the claims** are reflected in this listing of the claims which begins  
on page 2 of this paper; and

**Remarks** begin on page 9 of this paper.